

F-200

Mantle's F-200 furnace sinters the parts printed in the P-200 printer and solidifies them into durable, accurate tool steel components. One furnace can sinter multiple parts and can support multiple printers.

PROPERTY	SPECIFICATION
Pressure	Atmospheric, partial pressure, vacuum
Max Temperature	1400° c
External Dimensions	2.3 x 1.1 x 1.9 m (7.5 x 3.6 x 6.2 ft)
Weight	640 kg (1410 lbs)
Retort area	2 shelves of 230 x 230 mm (9 x 9 in)
Ventilation	1/2" tube to building exhaust
Air Requirement	10 psi minimum, 125 psi maximum, dried and de-oiled air, 0.03 CFM
Gas Type	Nitrogen purity grade of 4.8 (99.998%) or higher
Gas Connection	1/4" ID compression fitting
Power Requirement	208 VAC 70A single-phase
Max Load	30 kg

DIMENSIONS

